

## INTERNATIONAL SEARCH REPORT

Inl	Application No
PCT/IT2005/000059	

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12G 3/07

According to International Patent Classification (IPC) or to both national classification and IPC
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B. FIELDS SEARCHED
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Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
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Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
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EPO-Internal, WPI Data, PAJ, FSTA, BIOSIS, COMPENDEX
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C. DOCUMENTS CONSIDERED TO BE RELEVANT
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Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 481 960 A (SULLIVAN ET AL) 9 January 1996 (1996-01-09) the whole document	1-17
Y		3,7,8, 10-12
X	US 2 203 229 A (NILSSON OSCAR F ET AL) 4 June 1940 (1940-06-04) the whole document	1,2,4,9, 14-17
X	US 3 942 423 A (HERZFELD ET AL) 9 March 1976 (1976-03-09) abstract; claim 1	1,2,4, 14,17
X	US 5 647 268 A (SULLIVAN ET AL) 15 July 1997 (1997-07-15) abstract	1,2,4, 14-16
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## ° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
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15 April 2005	29/04/2005
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## Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer
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Koch, J
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2 017 235 A (DREW LESLIE L) 15 October 1935 (1935-10-15) claims; figures -----	3,10,11
A	EP 1 199 351 A (RITTER, STEPHAN, DR) 24 April 2002 (2002-04-24) abstract -----	13 ..
Y	US 4 173 656 A (DUGGINS, RICHARD S) 6 November 1979 (1979-11-06) abstract; figures column 5, lines 51-68 -----	7,8,12
A		1-17

# INTERNATIONAL SEARCH REPORT

Information on patent family members

In	Application No
PCT/IT2005/000059	

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5481960	A	09-01-1996	NONE		
US 2203229	A	04-06-1940	NONE		
US 3942423	A	09-03-1976	NONE		
US 5647268	A	15-07-1997	NONE		
US 2017235	A	15-10-1935	NONE		
EP 1199351	A	24-04-2002	DE EP	10052356 A1 1199351 A2	08-05-2002 24-04-2002
US 4173656	A	06-11-1979	NONE		